

# Converting Colors

Android(4284681607)



Have a look what the booklet for  
Android(4284681607) contains.

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# Color

**Android(4284681607)**



# Conversions

Conversions Part 1	
Format	Color
Hex	630D87
RGB	99, 13, 135
RGB Percent	39%, 5%, 53%
CMY	0.6118, 0.9490, 0.4706
CMYK	0.27, 0.90, 0.00, 0.47
HSL	282°, 82%, 29%
HSV	282°, 90%, 53%
XYZ	9.6627, 4.6898, 23.3176
YIQ	52.6220, 12.0940, 56.1740



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">99, 13, 135</a>
Decimal	<a href="#">6491527</a>
CIELab	<a href="#">25.83, 53.05, -47.53</a>
CIELCh	<a href="#">26, 71.228, 318.139</a>
Yxy	<a href="#">4.6898, 0.2565, 0.1245</a>
Android (android.graphics.Color)	<a href="#">4284681607</a> (0xFF630D87)
YUV	<a href="#">52.6220, 40.6124, 40.6735</a>
Hunter-Lab	<a href="#">21.6559, 41.7476, -48.6804</a>



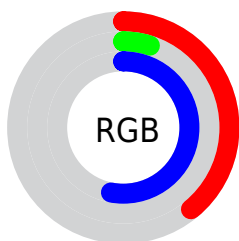
# Details

The Android color **4284681607** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4281435917**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4288301245**, and **4281139284** is the 20% darker color. If you saturate the color by 10%, you get **4284416135**, and if you desaturate by 10%, it is **4284947079**.



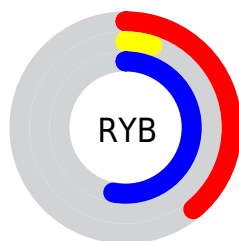
# Distribution



Red (39%)

Green (5%)

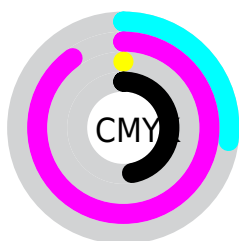
Blue (53%)



Red (39%)

Yellow (5%)

Blue (53%)

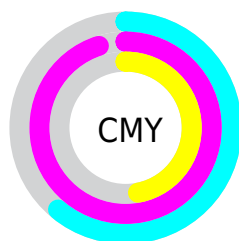


Cyan (27%)

Magenta (90%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (95%)

Yellow (47%)



# Brightness & Saturation Gradients

These gradients show how the Android color 4284681607 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4284681607 by changing the saturation by 10% instead.



 4284681607

 4284681607

4294967295

 4282908781

 4288301245

 4281139284

 4290142937

 4279435324

 4292050422

 4278190629

 4293957887

 4278190350

 4294948095

 4278190080

 4294955263

 4294962687

 4284681607

 4284681607



 4284416135

 4284947079

 4285212807

 4285478279

 4285744007

 4286009479

 4286275207

 4286540679

 4286806407

 4287072135



# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278205095



4284681607



4287496277



# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4284681607



4284297984



4278210910



# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4284681607



4281435917



# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278210341



4284681607



4281091328



# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4284681607



4286644992



4278209536



4278210959



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4284681607



4287954994



4278209536



4278210891



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4284681607



4288839856



4279054983



4283514201



4292467161



4284045657







# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4284681607



4286316720



4287040879



4282399810



4284219522



4278321155







# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4287040817



4289724468



4279076645



4282530878



4286709798



4278386689

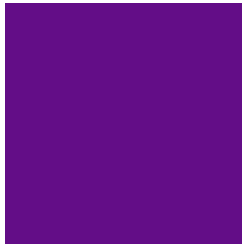






# Previews

## White Background



This preview shows how the Android color 4284681607 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

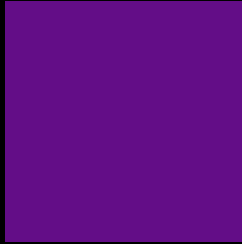
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the Android color 4284681607 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

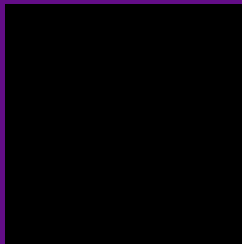
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4284681607 Background



This preview shows how black text looks on a background with the Android color 4284681607.



This preview shows how white text looks on a background with the Android color 4284681607.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

4284681607

**Protanopia**

4278205825

**Deuteranopia**

4278206832










# Trichromacy

	<b>Original Color</b> 4284681607
	<b>Protanomaly</b> 4280560771
	<b>Deuteranomaly</b> 4280561272
	<b>Tritanomaly</b> 4284163926

# Monochromacy

	<b>Original Color</b> 4284681607
	<b>Achromatopsia</b> 4281677109
	<b>Achromatomaly</b> 4282787411



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284681607 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(99, 13, 135)` looks like.

```
.text, #text, p{  
    color:rgb(99, 13, 135)  
}
```



If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(99, 13, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 13, 135) }
```

## Border

The CSS property to change the border of an element to Android 4284681607 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 13, 135) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(99, 13, 135) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(99, 13, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 13, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 13, 135);  
box-shadow:4px 4px 4px 4px rgb(99, 13,  
135) }
```



# Background

The CSS property to change the background color of an element to Android 4284681607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(99, 13, 135) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(99, 13,  
135) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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